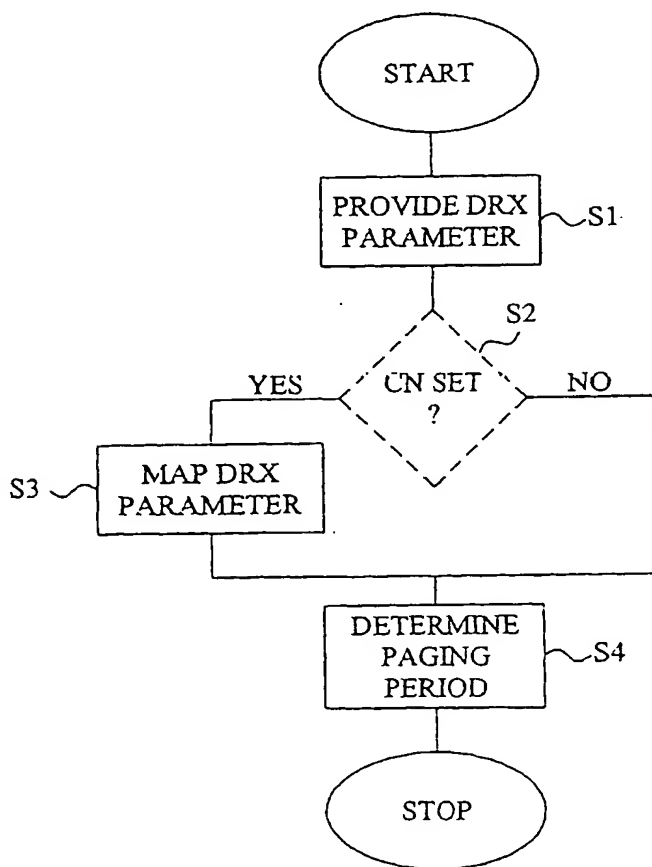[SE/SE]; Skälbyvägen 18A, S-191 49 Sollentuna (SE). MAGNUSSON, Johan [SE/SE]; Anders Reimers väg 13, S-117 50 Stockholm (SE). MILDH, Gunnar [SE/SE]; Kevingeringen 45, S-182 50 Danderyd (SE).

(54) Title: PAGING IN COMMUNICATION SYSTEMS

(57) Abstract: The present invention refers to methods and systems for enabling paging and DRX in a hybrid cellular communication system (1) comprising a core network (CN) (100) and radio access network (RAN) (200) employing different paging techniques. The core network (100) is accociated with a DRX parameter of a CN associated parameter set, which according to the invention, is mapped to a value of a RAN associated parameter set. This resulting value may then be used by the radio access network (200) and/or a mobile station (300) for determining a present paging period of the mobile station (300). Furthermore, methods of selecting DRX parameters for a mobile station (300) in different operational modes are provided. The invention is particular applicable to a communication system (1) including a GERAN radio access network (200) operating in Iu mode.

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